

a character input device comprising a plurality of character input devices,
each character input device having a first value, and at least a
subset of the character input devices having a second value;
a buffer, coupled to the character input device, for storing a keystroke se-
quence entered on the character input device, the keystroke se-
quence comprising at least one keystroke;
a string handler, coupled to the buffer, for determining whether the key-
stroke sequence produces a valid result in a first context and for
determining whether all of the keystrokes are valid in a second
context;
an output device, coupled to the string handler, for:
responsive to the keystroke sequence producing a valid result in
the first context, outputting first feedback, the first feed-
back indicating keystroke input according to the first
context; and
responsive to the keystroke sequence producing a valid result in
the second context, outputting second feedback concu-
rently with the first feedback, the second feedback indi-
cating keystroke input according to the second context.

83. The system of claim 82, wherein:

the output device comprises a display screen;

90. A system for concurrently accepting parameters in at least two contexts, the system comprising:

- a character input device, for accepting a keystroke;
- a buffer, coupled to the character input device, for initiating a first string and for appending a first value of the keystroke to the first string;
- a string handler, coupled to the buffer, for determining whether all values in the first string can be converted to valid numeric values;
- a numeric string generator, coupled to the string handler, for, responsive to all values in the first string being convertible to valid numeric values, generating a numeric string corresponding to the first string;
- a directory lookup engine, coupled to the string handler, for, determining whether any directory records match the first string; and
- an output device, coupled to the numeric string generator and to the directory lookup engine, for:
 - responsive to at least one directory record matching the first string, outputting first feedback comprising a list of the at least one directory record matching the first string; and
 - responsive to no directory records matching the first string and all values in the first string being convertible to valid